



KANSAS  
RURAL  
WATER  
*association*

Quality water. quality life

## CROSS-CONNECTION CONTROL

### 5 DAY WORKSHOP

Co-sponsored by Dodge City Community College and KRWA



DODGE CITY  
COMMUNITY COLLEGE

Center for  
Business and Industry

Successful completion of the five-day course gains the student three semester hours of undergraduate credit. They will also be certified as a backflow prevention tester/repair technician.

Attend 2 day refresher course on Cross-Connection. This class is an update for previous students and for individuals who are looking for additional information.

Cost: \$31.50 for Update

Date: April 6 - 10, 1992  
Monday - Friday

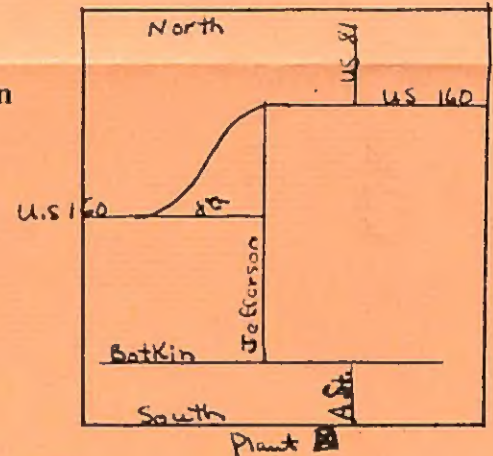
First 2 days, --Update  
All 5 days, -----Certification

Time: 8:00 a.m. to 5:00 p.m.

Place: Waste Water Plant  
Rt. 3 Wellington, KS 67152  
(316) 326-7031

Cost: \$100.00 for 5 days  
**YOU MUST PRE-REGISTER**

Call 225-4114 or toll-free at 1-800-742-9519, Ext. 295  
Dodge City Community College



Mail in registration form to: **Harold Marconnette**  
**Dodge City Community College**  
**2501 North 14th**  
**Dodge City KS 67801**

(Bill to: \_\_\_\_\_)  
Name \_\_\_\_\_ Address \_\_\_\_\_ City, St, Zip \_\_\_\_\_

Social Security# \_\_\_\_\_ (MUST have to register)

Name: \_\_\_\_\_  
Last First Middle Initial

Address: \_\_\_\_\_ City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Phone: (work) \_\_\_\_\_ (Home) \_\_\_\_\_

Birth date: \_\_\_\_\_ Marital Status M S W D High School Attended \_\_\_\_\_  
(Circle one)

Please indicate class by circling choice: Two Day  
Five Day



## CROSS-CONNECTION CONTROL SYLLABUS

### DAY 1

- \* Introduction, History of water production and distribution
- \* Backflow, as old as water distribution itself
- \* Local, State and Federal Statutes and Regulations
- \* Preliminaries, starting a program, what it takes to meet State and Federal requirements
- \* Case Histories, backflow incidents
- \* Liabilities from backflow accidents
- \* Degree of Hazard
- \* Classification of premises by degree of hazard

### DAY 2

- \* Urban-Industrial needs for backflow protection
- \* Rural-Agricultural needs for backflow protection
- \* Necessary record keeping of sanitary surveys
- \* Inventory of all testable backflow hardware in a system
- \* Recording of tests
- \* Consequences of failure to test on a timely basis

### DAY 3

- \* Vacuum breakers, atmospheric and pressure types, testing and repair
- \* Air gaps, the most used and abused backflow prevention
- \* Double check valves, variations and uses
- \* Double check valves, testing, trouble shooting and repair

### DAY 4

- \* Reduced pressure principle assemblies, design, theory and uses
- \* Reduced pressure principle assemblies, testing, trouble shooting and repair
- \* Proof of ability to test the three testable devices

### DAY 5

- \* Continued examination of ability to test
- \* Review of course, prepare for final examination
- \* Final examination
- \* Correct papers
- \* Go over the examination, explain correct answers

Instructor: Al Hermsen

Certified (IAPMO) Plumbing Inspector  
Certified (IAPMO) Mechanical Inspector  
Experienced Cross-Connection Control Inspector  
Certified Water Treatment Plant Operator  
Certified Wastewater Treatment Plant Operator  
Certified Instructor, Cross-Connection Control  
Certified Instructor, Mechanical Systems